**In the Claims:**

This Listing of Claims shall supersede all prior listings of claims submitted in this application.

Listing of Claims:

1. (Currently Amended) A method of killing ectoparasites on a subject, said method comprising:

topically administering an alcohol-free, insecticide-free composition to an area on the subject where ectoparasites are present, wherein the composition comprises a fatty acid ester effective for killing said ectoparasites within an hour of contact when used as the sole killing agent in a concentration of at least 10% w/w, and wherein further the ester is of a fatty acid selected from the group consisting of consisting of myristate, laurate, palmitate, stearate, arachidate, behenate, lignocerate, palmitoleate, oleate, linoleate, linolenate, and arachidonate~~; and,~~

~~removing the composition about an hour or less after administration, wherein up to 100% of the lice treated will have died within 24 hours after administration~~.

2. (Previously Presented) The method according to claim 1, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

3. (Previously Presented) The method according to claim 2, wherein the subject is a mammal.

4. (Previously Presented) The method according to claim 3, wherein the mammal is a human and the ectoparasites are head lice.

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Previously Presented) The method according to claim 1, further comprising a cyclic siloxane carrier, wherein the cyclic siloxane is selected from the group consisting of decacyclomethicone, octametylcyclomethicone, cyclotetrasiloxane, cyclopentasiloxane, cyclohexasiloxane, and decamethylcyclopentasiloxane.

9. (Previously Presented) The method according to claim 1, wherein said fatty acid ester is isopropyl myristate.

10. (Previously Presented) The method according to claim 8, wherein said cyclic siloxane is decacyclomethicone.

11. (Previously Presented) The method according to claim 8, wherein said fatty acid ester is isopropyl myristate and said cyclic siloxane is decacyclomethicone.

12. (Currently Amended) A method of killing ectoparasites on a subject, said method comprising:

topically administering to an area on the subject where ectoparasites are present ~~a~~ an insecticide-free composition comprising a fatty acid ester effective for killing said ectoparasites within an hour of contact when used as the sole killing agent in a concentration of at least 10% w/w, wherein the ester is of a fatty acid selected from the group consisting of consisting of myristate, laurate, palmitate, stearate, arachidate, behenate, lignocerate, palmitoleate, oleate, linoleate, linolenate, and arachidonate; ~~: and,~~

~~removing the composition about an hour or less after administration;~~

~~and~~

and wherein further the ectoparasites are killed by dehydration following stripping of wax from their cuticles.

13. (Previously Presented) The method according to claim 12, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

14. (Previously Presented) The method according to claim 13, wherein the subject is a mammal.

15. (Previously Presented) The method according to claim 14, wherein the mammal is a human and the ectoparasites are head lice.

16. (Previously Presented) The method according to claim 14, wherein the mammal is a dog or cat and the ectoparasites are fleas or ticks.

17. (Canceled)

18. (Canceled)

19. (Previously Presented) The method according to claim 12, further comprising a cyclic siloxane carrier, wherein the cyclic siloxane is selected from the group consisting of decacyclomethicone, octametylcyclomethicone, cyclotetrasiloxane, cyclopentasiloxane, cyclohexasiloxane, and decamethylcyclopentasiloxane.

20. (Previously Presented) The method according to claim 12, wherein said fatty acid ester is isopropyl myristate.

21. (Previously Presented) The method according to claim 19, wherein said cyclic siloxane is decacyclomethicone.

22. (Previously Presented) The method according to claim 19, wherein said fatty acid ester is isopropyl myristate and said cyclic siloxane is decacyclomethicone.

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Canceled)

32. (Previously Presented) The method of claim 1 or claim 12, further comprising the step of combing killed ectoparasites out of the subject's hair with a nit comb.

33. (Canceled)